DUBBAS 16' | DIAPASON 16' | GEMSHT 8' | BOURDON 8' | OCTAVE 4'

BOURDON 16' | CELLO 16' | DIAPASON 16' | STRING 8' | OBOE 8' | TRENCH HORN 8' | TAMPET 8' | FLUTE 8' | CLARINET 8' | FLUTE 4' | OCTAVE 4' | SALICET 4' | QUINT 2⅔' | CIMBEL 2⅔' | FLUTE 2' | FIFTEENTH 2'

4' | 8' | 4⅔' | 2⅔' | 2'

PEDAL HR nr12

FILTERS HR nr9

PERC. FILTERS HR nr6

DRAWBARS HR nr18

PERCUSSION HR nr6

PERC. COUPLER

PERC. VOLUME

TREMOLO

LEGATO

SUSTAIN on/off

PEDAL SUSTAIN

B+

4' 8' 16

HR nr8 SW

TR5

17 keys

E17

17×

TO PEDAL BOARDS

FROM GEN.

COUPLED BASS

BASS COUPLER 8' K

BASS COUPLER 4' K

K = from KEYSWITCHES

BASS COUPLER 2⅔ K

BASS COUPLER 2' K

To KEYSWITCHES

HR nr 1

HR8SN

PRE-AMPLIFIER HR nr19

REVERB. on/off

AMP

+A

SWELL LIGHT

ACOMP. EXP.

BASS

VIBRATO HR nr8

VIBR. DEPTH

VIBR. SPEED

VIBRATO DELAY

MAG. on/off

BRUSHES DRUMS HR nr18

BRUSHES BASS

BASS DRUM

REVERBERATION HR nr5

POWER SUPPLY

MAINSWITCH

MAIN

FUSE 0,45T

PILOT LIGHT 24 v.

TR 1 = MT J00419
TR 2 = BC 419
TR 3 = BC 139
TR 4 = BC 108
TR 5 = SFT 337

CHALLENGER de LUXE	
Design.	Hans V.
Drawn	Ri
Date	10-10-69
Modified	BG

TR 5 = SFT 337

VIBRATO HR n°8

VIBRATO DELAY

VIB. SPEED

VIB. DEPTH

BRUSHES DRUMS HR n°18

BRUSHES BASS

BASS DRUM

BASS

SWELL LIGHT

REVERBERATION HR n°5

POWER SUPPLY

MAINS SWITCH

FUSE 0,5 T

MAIN

PILOT LIGHT 24 V.

SUSTAIN KEYSWITCH 61 NOTES

INP. GEN.

+B 16 VDC

BASS SUSTAIN ON

TREBLE SUSTAIN T. BASS

VIBRAHARP

STRING

SHORT KEYBOARD SUSTAIN LONG

SUSTAIN TREBLE SHORT

SUSTAIN TREBLE LONG

+VDC 16

SUSTAIN BASS SHORT

SUSTAIN BASS LONG

INPUT BASS 8

INPUT BASS 16

OUTPUT BASS

					FINISH		
					MATERIAL		
					DO NOT SCALE DIMENSIONS	DRN	
					TOLERANCE:	CKED	
						DATE	
LET	REVISION	DATE	BY	CK	PAGE OF	SCALE	

GEM electronics MONDAINO (FO) ITALY

NAME CHALLENGER DL + S.

SUPERSEDES ALL PRINTS PRIOR TO: | PART-DWG: | REV.

ISSUED: | REF.

CHALLENGER de LUXE	
Design.	Mario V.
Drawn	Ri
Date	10-10-69
Modified	BG

TR 5 = SFT597

FROM GEM

VIBRATO

VIBR. DEPTH

VIB. SPEED

VIBRATO DELAY

BRUSHES DRUMS

BRUSHES BASS

BASS DRUM

SWELL LIGHT

BASS

REVERBERATION

POWER SUPPLY

MAINS SWITCH

MAIN

PILOT LIGHT 24 V.

SUSTAIN KEYSWITCH 61 NOTES

INP. GEN.

					FINISH		GEM electronics MONDAINO (FO) ITALY
					MATERIAL		NAME CHALLENGER DL + S.
					DO NOT SCALE DIMENSIONS	DRN	
					TOLERANCE:	CKED	SUPERSEDES ALL PRINTS PRIOR TO: / PART-DWG: REV.
						DATE	
						SCALE	ISSUED: / REF.
LET	REVISION	DATE	BY	CK	PAGE OF		

CHALLENGER de LUXE

Design.	Manov.
Drawn	Ri.
Date	10-10-69
Modified	